Title (en)

A method and apparatus for reference time acquisition for positioning reference signals in a wireless communication network

Title (de)

Procédé et appareil d'acquisition d'une référence de temps pour positionner des signaux de référence dans un réseau de communication sans fil

Title (fr)

Verfahren und Vorrichtung für Referenzzeiterfassung für Positionierungsreferenzsignale in einem drahtlosen Kommunikationsnetz

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2011136711A1] The present invention provides a muting configuration for reference signal (RS) transmission as a pattern defined by at least the combination of a muting sequence and a reference point. Muting occasions for a given wireless communication network cell (20) thus are differentiated from another cell by use of a different muting sequence, a different reference point, or both. Moreover, in one or more embodiments, the present invention provides for the use of a common muting sequence or reference point across cells (20), with muting occasions being differentiated between cells (20) through use of different reference points (in the case of a common muting sequence), or through use of different muting sequences (in the case of a common reference point), or different sequences and different reference points. Such arrangements simplify the signaling needed to control or indicate the muting configuration in use in the cells of interest, provide an advantageous basis for propagating muting configurations among cells (20), eliminate the need for predefined muting configurations, and the need for blind detection of muting by wireless communication apparatuses (14), such as UEs.

IPC 8 full level

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